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AUG 23 2002

APPLICANT

DESARAJU V. VARAPRASAD ET AL.

FILING DATE

April 17, 2001

GROUP

2873

Not Yet Assigned

U.S. PATENT DOCUMENTS

PATENT EXAMINER / TRADEMARK OFFICE INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EAY	3,215,038	11/2/65	Heller et al.	252	586	
EAY	3,280,701	10/25/66	Donnelly et al.	359	275	
EAY	3,451,741	6/24/69	Manos	350	359	275 100
EAY	3,453,038	7/1/69	Kissa et al.	350	359	275 100
EAY	3,521,941	7/28/70	Deb et al.	350	359	275 100
EAY	3,652,149	3/28/72	Rogers	350	359	275 100
EAY	3,692,388	9/19/72	Hall, Jr. et al.	350	359	275 100
EAY	3,774,988	11/27/73	Rogers	350	359	275 100
EAY	3,806,229	4/23/74	Schoot et al.	350	359	273 100
EAY	3,807,832	4/30/74	Castellion	350	359	267 100

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
EAY	AU	A6804290	2/28/91	Australia	C07D	498/04	
EAY	EP	0115394	8/8/84	Europe	A61K	31/54	
EAY	EP	0145337	6/19/85	Europe	G02F	1/17	
EAY	EP	0240226	10/7/87	Europe	G02F	1/17	

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EAY	H. Akahoshi et al., "Electrochemical and Spectrochemical Properties of Polyviologen Complex Modified Electrodes", J. Phys. Chem., 85, 818-22 (1981)
EAY	F.G.K. Baucke, "Electrochromic Mirrors with Variable Reflectance", Optical Mats Tech. for Energy Efficiency and Solar Energy Conversion V, SPIE -- The International Society for Optical Engineering, SPIE Vol. 653, 47-54 (1986)
EAY	I.F. Chang, "Electrochromic and Electrochemichromic Materials and Phenomena" in Nonemissive Electrooptic Displays, 155-96, A.R. Kmetz and F.K. von Willisen, eds., Plenum Press, New York (1976)

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7-29-02

AUG 23 2002

PATENT
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INITIAL

TRADEMARK OFFICE

ATTY DOCKET NO.
00690.000003 CIP/C/CIP/C2

APPLICATION NO.

09/835,328

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E02	3,854,794	12/17/74	Van Dam et al.	350 359	272 460	
E02	3,873,185	3/25/75	Rogers	350 359	275 447	
E02	4,116,545	9/26/78	Reddy	350 359	270 357	
E02	4,139,234	2/13/79	Morgan	296	201 34	
E02	4,142,783	3/6/79	Engler et al.	350 359	265 357	
E02	4,174,152	11/13/79	Giglia et al.	350 359	270 357	
E02	4,282,272	8/4/81	Matsuhiro et al.	427	126.3	
E02	4,304,465	12/8/81	Diaz	350 359	273 357	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
E02	JP 52 10745	1/27/77	Japan	G02F	1/17	Yes
E02	JP 57208530	12/21/82	Japan	G02F	1/17	Yes
E02	JP 59116623	7/5/84	Japan	G02F	1/17	Yes(Abstract)

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E.M. Engler et al., "Electrochromic Display Device With Memory Based On Homogenous Donor Polymer Film", IBM Tech. Disc. Bull., 22(7), 2993-97 (1979)

Y. Hirai and C. Tani, "Electrochromism for Organic Materials in Polymeric All Solid-State Systems", Appl. Phys. Lett., 43(7), 704-05 (1983)

K. Honda and A. Kuwano, "Solid-State Electrochromic Device Using Polynuclear Metal Complex-Containing Solid Polymer Electrolyte", J. Electrochem. Soc. -- Accelerated Brief Comm., 853-54 (1986)

K. Itaya et al., "Polymer-Modified Electrodes II. Spectroelectrochemical Properties of a Ligand (Bathophenanthroline Disulfonic Acid) Bound to Polyelectrolytes on Electrodes and the Use of the Modified Electrodes for an Electrochromic Display Device", J. Electrochem. Soc., 129(4), 762-67 (1982)

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EJL	4,306,774	12/22/81	Nicholson	350-359	270 357	
EJL	Re 30835	12/29/81	Gigliä	350-359	270 357	
EJL	4,338,000	7/6/82	Kamimori et al.	350-359	275 357	
EJL	4,435,048	3/6/84	Kamimori et al.	350-359	275 357	
EJL	4,449,786	5/22/84	McCord	350-359	868 293	
EJL	4,465,339	8/14/84	Baucke et al.	350-359	274 357	
EJL	4,473,695	9/25/84	Wrighton et al.	546	266	
EJL	4,519,930	5/28/85	Kakiuchi	252	62.2	
EJL	4,550,982	11/5/85	Hirai	350-359	274 357	
EJL	4,561,625	12/31/85	Weaver	249	85	
EJL	4,586,792	5/6/86	Yang et al.	350-359	273 357	
EJL	4,613,211	9/23/86	Papir et al.	350-359	270 357	
EJL	4,652,090	3/24/87	Uchikawa et al.	350-359	203 357	
EJL	4,671,619	6/9/87	Kamimori et al.	350-359	275 357	
EJL	4,702,566	10/27/87	Tukude et al.	350-359	267 357	
EJL	4,712,879	12/15/87	Lynam et al.	350-359	275 357	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
EJL	JP	63262624	4/14/87	Japan	—G02F—	—1117—	Yes

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EJL F. B. Kaufman, "New Organic Materials for Use as Transducers in Electrochromic Display Devices", Conf. Rec. of 1978 Biennial Display Res. Conf., 23, Soc. for Info. Displays (October 24-26, 1978)

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EJZ	4,741,603	5/3/88	Miyagi et al.	350-359	270-357	
EJZ	4,750,817	6/14/88	Sammells	350-359	270-357	
EJZ	4,795,242	1/3/89	Wudl: Fred et al.	350-359	265-357	
EJZ	4,807,977	2/28/89	Sammells	350-359	270-357	
EJZ	4,810,067	5/7/89	Demiryont	350-359	265-357	
EJZ	4,832,467	5/23/89	Miyagi et al.	350-359	273-357	
EJZ	4,871,236	10/3/89	Gemma et al.	350-359	273-357	
EJZ	4,872,745	10/10/89	Fujisawa et al.	350-359	268-357	
EJZ	4,893,908	1/16/90	Wolf et al.	350-359	275-357	
EJZ	4,902,108	2/20/90	Byker	350-359	265-357	
EJZ	4,908,283	3/13/90	Takahashi et al.	429-359	317-402	
EJZ	4,927,246	5/22/90	Ito et al.	350-359	275-357	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
EJZ	JP 1 33535	2/3/89	Japan	602F	117	Yes (Abstract)
EJZ	JP 1230608	9/14/89	Japan	608F	240/00	Yes (Abstract)

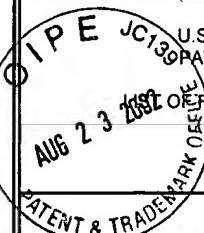
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EJZ	F. B. Kaufman et al., "Polymer-Modified Electrodes: A New Class of Electrochromic Materials", Appl. Phys. Lett., 36(6), 422-25 (1980)
EJZ	S. Kuwabata et al., "Photoelectrochromic Properties of Methylene Blue in Conducting Polyaniline Matrixes", J. Electrochem. Soc., 139(7), 1824-30 (1992)
EJZ	C. M. Lambert, "Electrochromic Materials and Devices for Energy Efficient Windows", Solar Energy Materials, 11, 1-27 (1984)

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EJP	4,962,158	10/9/90	Kobayashi et al.	525	279	
EJP	4,993,810	2/19/91	Demiryont	359	265 357	
EJP	5,028,124	7/2/91	Akhtar	359	265 357	
EJP	5,042,923	8/27/91	Wolf et al.	359	275	
EJP	5,066,112	11/19/91	Lynam et al.	359	267	
EJP	5,068,062	11/26/91	Inata et al.	252	518	
EJP	5,073,012	12/17/91	Lynam	359	265	
EJP	5,076,674	12/31/91	Lynam	359	274	
EJP	5,080,471	1/14/92	Cogan et al.	359	275	
EJP	5,115,346	5/19/92	Lynam	359	604	

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EJP	N. Leventis and Y. C. Chung, "Polyaniline-Prussian Blue Novel Composite Material for Electrochromic Applications", <u>J. Electrochem. Soc.</u> , 137(10), 3321-322 (1990)
EJP	N. Leventis and Y. C. Chung, "Poly(3-methylthiophene)-Prussian Blue: A New Composite Electrochromic Material", <u>J. Mater. Chem.</u> , 2(3), 289-93 (1992)
EJP	N. R. Lynam, "Electrochromic Automotive Day/Night Mirrors", <u>SAE Technical Paper Series</u> , 870636, Society for Automotive Engineers (1987)
EJP	N. R. Lynam, "Smart Windows for Automobiles", <u>SAE Technical Paper Series</u> , 900419, Society for Automotive Engineers (1990)
EJP	N. R. Lynam, "Transparent Electronic Conductors" in <u>Proc. Symp. on Electro-chromic Mtls.</u> , 90-2, 201-31, The Electrochemical Society, Inc., Pennington, New Jersey (1990)

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EJW	5,122,896	6/16/92	Mizusaki et al.	359	273	
EJW	5,128,799	7/7/92	Byker	359	265	
EJW	5,140,455	8/18/92	Varaprasad et al.	359	275	
EJW	5,142,407	8/25/92	Varaprasad et al.	359	276	
EJW	5,148,014	9/15/92	Lynam et al.	250	214	
EJW	5,148,305	9/15/92	Byker	359	265	
EJW	5,151,816	9/29/92	Varaprasad et al.	359	275	
EJW	5,202,787	4/13/93	Byker et al.	359	267	
EJW	5,233,461	8/3/93	Dornan et al.	359	272	
EJW	5,239,405	8/24/93	Varaprasad et al.	359	272	
EJW	5,239,406	8/24/93	Lynam et al.	359	275	
EJW	5,278,693	1/11/94	Theiste et al.	359	272	
EJW	5,280,380	1/18/94	Byker	359	265	
EJW	5,282,077	1/25/94	Byker	359	272	

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EJW	N. R. Lynam and A. Agrawal, "Automotive Applications of Chromogenic Materials", <u>Large-Area Chromogenics: Materials and Devices for Transmittance Control</u> , SPIE Institute Series, IS 4, 46-84, C. M. Lampert and C. G. Granquist, eds., SPIE Optical Engineering Press, Washington (1990)
EJW	Modern Plastics Encyclopedia 1988, 203-300, McGraw-Hill Inc., New York (1988)
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<i>Jeff</i>	5,207,492	5/4/93	Roberts	362	30	
<i>Jeff</i>	5,457,218	10/10/95	Cronin et al.	556	44	
<i>Jeff</i>	5,500,760	3/19/96	Varaprasad et al.	359	272	
<i>Jeff</i>	5,572,354	11/5/96	Desmond et al.	359	265	
<i>Edw</i>	5,576,687	11/19/96	Blank et al	340	438	
<i>Edw</i>	4,973,844	11/27/90	O'Farrell et al.	250	341	
<i>Edw</i>	5,187,032	2/16/93	Sasaki et al.	429	192	
<i>Edw</i>	5,327,281	7/5/94	Cogan et al.	359	270	
<i>Edw</i>	5,471,338	11/28/95	Yu et al.	359	273	

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<i>Jeff</i>	T. Niwa et al., "All-Solid Large Area Variable Reflectance EC Mirror with a Compound Film of Iridium Oxide and Tin Oxide", Proc. of 6th Int'l. Disp. Res. Conf., P2.19, 322-75 (1986)
<i>Edw</i>	H. Tsutsumi et al., "Polymer Gel Films with Simple Organic Electrochromics for Single-Film Electrochromic Devices", J. Polym. Sci., 30, 1725-29 (1992)
<i>Edw</i>	H. Tsutsumi et al., "Single Polymer Gel Film Electrochromic Device", Electrochimica Acta, 37, 369-70 (1992)
<i>Edw</i>	M. Watanabe et al., "High Lithium Conductivity of Polymeric Solid Electrolytes", Makromol. Chem., Rapid Comm., 2, 741-44 (1981)

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